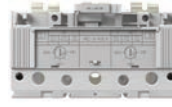


Breaker Frames & Trip Units



Breaker Frames, 400 A Rated Current

Interrupting Rating (50/60 Hz), UL 489/CSA C22.2-5, No. 5-02 [kA]					Breaking Capacity (50/60 Hz), IEC 60947-2								Breaking Capacity (DC), IEC 60947-2 ‡		Cat. No.	
240V	480V	600V	2-pole in series	3-Pole in series	220V★		415V		440V★		690V		500V DC (3-pole in series)			
			500V DC ‡	600V DC ‡	I _{cu} [kA]	I _{cs} [%I _{cu}]	I _{cu} [kA]	I _{cs} [%I _{cu}]	I _{cu} [kA]	I _{cs} [%I _{cu}]	I _{cu} [kA]	I _{cs} [%I _{cu}]	I _{cu} [kA]	I _{cs} [%I _{cu}]		
100	35	25	35	25	85	100	50	100	40	100	25	100	36	100	140G-K3X3	140G-K3X4
150	65	35	50	35	100	100	70	100	65	100	40	100	50	100	140G-K6X3	140G-K6X4
200	100	65	65	50	200	100	120	100	100	100	70	100	70	100	140G-K0X3	140G-K0X4
200	150	100	100	65	200	100	200	100	180	100	80	100	100	100	140G-K15X3	140G-K15X4

★ These ratings have not been tested for the CCC listing.

‡ DC rating is applicable for thermal-magnetic trip unit only.

Trip Units, Thermal-Magnetic

Rated Current I_n [A]	Thermal Trip [A] $I_r = I_n$	Magnetic Trip [A] I_m	Protection Type	Cat. No.	
				3 Poles	4 Poles
300	210...300	1500...3000	F (Adjustable Thermal/ Adjustable Magnetic)	140G-KTF3-D30	140G-KTF4-D30
400	280...400	2000...4000	F (Adjustable Thermal/ Adjustable Magnetic)	140G-KTF3-D40	140G-KTF4-D40

Trip Units, Electronic LSI (Long, Short, Instantaneous)

Rated Current I_n [A]	Protection Type					Cat. No.	
	L		S		I	3 Poles	3 Poles
	$I_1=0.4...1 \times I_n$	$t_1=\text{sec.}$	$I_2=0.6...10 \times I_n$	$t_2=\text{sec.}$	$I_3=1.5...12 \times I_n$		
300	120...300	3, 6, 9, 18	180...3000	0.05, 0.1, 0.25, 0.5	450...3600	140G-KTH3-D30	140G-KTH4-D30
400	160...400	3, 6, 9, 18	240...4000	0.05, 0.1, 0.25, 0.5	600...4800	140G-KTH3-D40	140G-KTH4-D40

Trip Units, Electronic LSIG (Long, Short, Instantaneous, Ground Fault)

Rated Current I_n [A]	Protection Type							Cat. No.	Cat. No.
	L		S		I	G		3 Poles	4 Poles
	$I_1=0.4...1 \times I_n$	$t_1=\text{sec.}$	$I_2=0.6...10 \times I_n$	$t_2=\text{sec.}$	$I_3=1.5...12 \times I_n$	$I_4=0.2...1 \times I_n$	$t_4=\text{sec.}$		
300	120...300	3, 6, 9, 18	180...3000	0.05, 0.1, 0.25, 0.5	450...3600	60...300	0.1, 0.2, 0.4, 0.8	140G-KTI3-D30	140G-KTI4-D30
400	160...400	3, 6, 9, 18	240...4000	0.05, 0.1, 0.25, 0.5	600...4800	80...400	0.1, 0.2, 0.4, 0.8	140G-KTI3-D40	140G-KTI4-D40

Trip Units, Electronic LSIG-MM (Long, Short, Instantaneous, Ground Fault - Maintenance Mode)

Rated Current I_n [A]	Protection Type							Cat. No.	
	L		S		I	G		3 Poles	4 Poles
	$I_1=0.4...1 \times I_n$	$t_1=\text{sec.}$	$I_2=0.6...10 \times I_n$	$t_2=\text{sec.}$	$I_3=1.5...12 \times I_n$	$I_4=0.2...1 \times I_n$	$t_4=\text{sec.}$		
300	120...300	3, 6, 9, 18	180...3000	0.05, 0.1, 0.25, 0.5	450...3600	60...300	0.1, 0.2, 0.4, 0.8	140G-KTK3-D30	140G-KTK4-D30
400	160...400	3, 6, 9, 18	240...4000	0.05, 0.1, 0.25, 0.5	600...4800	80...400	0.1, 0.2, 0.4, 0.8	140G-KTK3-D40	140G-KTK4-D40

Assembled molded case circuit breakers found on pages 22...24